

INTERNATIONAL SEARCH REPORT

Internat Application No
PCT 02/03877

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M15/00 H04L12/14 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 69891 A (HUOSTILA TERO ;JUNTUNEN ARI (FI); KEINAENEN KIMMO (FI); SONERA OYJ) 20 September 2001 (2001-09-20) page 3, line 32 -page 6, line 35 abstract	1-20
A	WO 99 65186 A (LIEROP JEROEN JOZEF VAN ;KONINKL KPN NV (NL); MANDJES MICHAEL ROBE) 16 December 1999 (1999-12-16) abstract	1-20
A	WO 01 78317 A (ITO TAKESHI ;NAKAI JUN (JP); HARUNA TAKAAKI (JP); JAPAN COMM INC) 18 October 2001 (2001-10-18) abstract	1-20

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

6 May 2003

Date of mailing of the international search report

26 MAY 2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13, 5 February 2001 (2001-02-05) & JP 2000 286842 A (SONY CORP;NIPPON TELEGR & TELEPH CORP), 13 October 2000 (2000-10-13) abstract ---	1-20
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08, 5 August 2002 (2002-08-05) & JP 2002 111910 A (MITSUBISHI ELECTRIC CORP), 12 April 2002 (2002-04-12) abstract ---	1-20
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) & JP 2001 256589 A (EQUOS RESEARCH CO LTD), 21 September 2001 (2001-09-21) abstract -----	1-20

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			US 2001037271 A1	01-11-2001
